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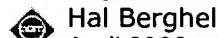
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Result page: **1** [2](#) [next](#)Relevance scale **1 Digital village: Hijacking the web**

Hal Berghel

April 2002 **Communications of the ACM**, Volume 45 Issue 4**Publisher:** ACM PressFull text available:  [pdf\(414.65 KB\)](#)Additional Information: [full citation](#), [abstract](#), [index terms](#) [html\(22.32 KB\)](#)

Cookies revisited: Continuing the dialogue on personal security and underlying privacy issues.

2 Role-based access control on the web

Joon S. Park, Ravi Sandhu, Gail-Joon Ahn

February 2001 **ACM Transactions on Information and System Security (TISSEC)**, Volume 4 Issue 1**Publisher:** ACM PressFull text available:  [pdf\(331.03 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Current approaches to access control on the Web servers do not scale to enterprise-wide systems because they are mostly based on individual user identities. Hence we were motivated by the need to manage and enforce the strong and efficient RBAC access control technology in large-scale Web environments. To satisfy this requirement, we identify two different architectures for RBAC on the Web, called user-pull and server-pull. To demonstrate feasibility, we im ...

Keywords: WWW security, cookies, digital certificates, role-based access control**3 The state of the art in locally distributed Web-server systems**

Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Phillip S. Yu

June 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 2**Publisher:** ACM PressFull text available:  [pdf\(1.41 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The overall increase in traffic on the World Wide Web is augmenting user-perceived response times from popular Web sites, especially in conjunction with special events.

System platforms that do not replicate information content cannot provide the needed scalability to handle large traffic volumes and to match rapid and dramatic changes in the number of clients. The need to improve the performance of Web-based services has produced a variety of novel content delivery architectures. This article w ...

Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms, distributed systems, load balancing, routing mechanisms

4 Principled design of the modern Web architecture

 Roy T. Fielding, Richard N. Taylor
May 2002 **ACM Transactions on Internet Technology (TOIT)**, Volume 2 Issue 2

Publisher: ACM Press

Full text available:  pdf(335.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The World Wide Web has succeeded in large part because its software architecture has been designed to meet the needs of an Internet-scale distributed hypermedia application. The modern Web architecture emphasizes scalability of component interactions, generality of interfaces, independent deployment of components, and intermediary components to reduce interaction latency, enforce security, and encapsulate legacy systems. In this article we introduce the Representational State Transfer (REST) arc ...

Keywords: Network-based applications, REST, World Wide Web

5 Internet security: firewalls and beyond

 Rolf Oppliger
May 1997 **Communications of the ACM**, Volume 40 Issue 5

Publisher: ACM Press

Full text available:  pdf(339.15 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

6 Technical Session: Supporting ubiquitous computing through directory enabled technologies

 Michael Richichi, Paul Coen
October 2001 **Proceedings of the 29th annual ACM SIGUCCS conference on User services SIGUCCS '01**

Publisher: ACM Press

Full text available:  pdf(285.27 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Drew has been providing computers to students since 1984. Many universities have ubiquitous computing programs where students receive a laptop computer as part of their educational package. These programs reduce the dependence on and management issues of traditional computer labs, and allow 24x7 computing access to every student at the University. Drew also provides Novell Directory Services (NDS) accounts to all of these students, and utilizes Novell ZENworks to customize software, personalize ...

Keywords: LDAP, ZENworks, directory services, eDirectory, laptop programs, management, ubiquitous computing

7 Designing and implementing QoS management of the web

Maksim A. Aleksandrov, Vladislav S. Voinov

November 1998 **Proceedings of the 1998 conference of the Centre for Advanced Studies on Collaborative research CASCON '98**

Publisher: IBM Press

Full text available:  pdf(188.73 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper summarizes our efforts taken to challenge the issues of management systems that perform control over explicitly given expectations on service quality of the Web-based systems. Goals and principles of management, Quality of Service (QoS) metrics and controllable parameters, and architecture of the management system prototype are described and analyzed. Various management policies that can be applied within the Web Management System (WMS) are presented and discussed. Presented WMS proto ...

8 Enabling dynamic content caching for database-driven web sites 

 K. Selçuk Candan, Wen-Syan Li, Qiong Luo, Wang-Pin Hsiung, Divyakant Agrawal

May 2001 **ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data SIGMOD '01**, Volume 30 Issue 2

Publisher: ACM Press

Full text available:  pdf(319.67 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Web performance is a key differentiation among content providers. Snafus and slowdowns at major web sites demonstrate the difficulty that companies face trying to scale to a large amount of web traffic. One solution to this problem is to store web content at server-side and edge-caches for fast delivery to the end users. However, for many e-commerce sites, web pages are created dynamically based on the current state of business processes, represented in application servers and databases

Keywords: JDBC, application server, database driven web site, dynamic content caching, invalidation, web acceleration

9 WebQuilt: A proxy-based approach to remote web usability testing 

 July 2001 **ACM Transactions on Information Systems (TOIS)**, Volume 19 Issue 3

Publisher: ACM Press

Full text available:  pdf(2.89 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

WebQuilt is a web logging and visualization system that helps web design teams run usability tests (both local and remote) and analyze the collected data. Logging is done through a proxy, overcoming many of the problems with server-side and client-side logging. Captured usage traces can be aggregated and visualized in a zooming interface that shows the web pages people viewed. The visualization also shows the most common paths taken through the web site for a given task, as well as the optimal p ...

Keywords: Usability evalution, WebQuilt, log file analysis, web proxy, web visualization

10 On proxy agents, mobility, and web access 

Anupam Joshi

December 2000 **Mobile Networks and Applications**, Volume 5 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  pdf(201.52 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

With the emerging need for ubiquitous access to information, web access from mobile clients is gaining increasing importance. Unfortunately, the underlying protocols of the web are not designed to support operations from a resource poor platform in a low bandwidth, disconnection prone environment. Efforts to create systems to support mobile

browsing have typically been proxy‐based. However, such solutions have recently been criticized due to their non‐scalability. Developments in ad ...

11 The platform for privacy preferences

 Joseph Reagle, Lorrie Faith Cranor
February 1999 **Communications of the ACM**, Volume 42 Issue 2

Publisher: ACM Press

Full text available:  pdf(212.61 KB)
 html(41.98 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



12 Internet privacy

 Lorrie Faith Cranor
February 1999 **Communications of the ACM**, Volume 42 Issue 2

Publisher: ACM Press

Full text available:  pdf(142.70 KB)
 html(12.51 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



13 Interposed request routing for scalable network storage

 February 2002 **ACM Transactions on Computer Systems (TOCS)**, Volume 20 Issue 1

Publisher: ACM Press

Full text available:  pdf(363.12 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper explores interposed request routing in Slice, a new storage system architecture for high-speed networks incorporating network-attached block storage. Slice interposes a request switching filter---called a *μproxy*---along each client's network path to the storage service (e.g., in a network adapter or switch). The *μproxy* intercepts request traffic and distributes it across a server ensemble. We propose request routing schemes for I/O and file service traffic, and explore th ...



Keywords: Content switch, file server, network file system, network storage, request redirection, service virtualization

14 Letters to the Editor

April 1998 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(12.38 KB) Additional Information: [full citation](#), [index terms](#)



15 Privacy-preserving global customization

 Robert M. Arlein, Ben Jai, Markus Jakobsson, Fabian Monroe, Michael K. Reiter
October 2000 **Proceedings of the 2nd ACM conference on Electronic commerce EC '00**

Publisher: ACM Press

Full text available:  pdf(401.52 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



16

Reports from related meetings: WEBKDD'99: workshop on Web usage analysis and user profiling



 Brij Masand, Myra Spiliopoulou
January 2000 **ACM SIGKDD Explorations Newsletter**, Volume 1 Issue 2

Publisher: ACM Press

Full text available:  pdf(402.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The WEBKDD'99 workshop on "Web Usage Analysis and User Profiling" took place at Aug. 15, 1999 under the auspices of the SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD'99). We report on the topics addressed in the workshop, the contributions and the discussions that took place in its framework.

Keywords: web usage mining

17 Witan web and the software engineering of web-based applications 

J. Howard Johnson, Stephen A. Mackay

November 2000 **Proceedings of the 2000 conference of the Centre for Advanced Studies on Collaborative research CASCON '00**

Publisher: IBM Press

Full text available:  pdf(653.32 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

WitanWeb is a web-based application that supports the interactions among program committee members, authors, and reviewers for the refereeing process of conferences. Since development began in 1997, it has evolved a great deal to support the requirements of CASCON, WWW8, and ICSE 2001 as well as several other significant conferences. The development focus has emphasized usability related to the task as well as security, integrity, and availability to encourage the development of trust by each cl ...

18 Analyzing clickstreams using subsessions 

 Jesper Andersen, Anders Giversen, Allan H. Jensen, Rune S. Larsen, Torben Bach Pedersen, Janne Skyt

November 2000 **Proceedings of the 3rd ACM international workshop on Data warehousing and OLAP DOLAP '00**

Publisher: ACM Press

Full text available:  pdf(266.28 KB) Additional Information: [full citation](#), [references](#), [citations](#)

19 Artefact: a framework for low-overhead Web-based collaborative systems 

 Jeff Brandenburg, Boyce Byerly, Tom Dobridge, Jinkun Lin, Dharmaraja Rajan, Timothy Roscoe

November 1998 **Proceedings of the 1998 ACM conference on Computer supported cooperative work CSCW '98**

Publisher: ACM Press

Full text available:  pdf(909.87 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: Artefact, CORBA, CSCW, HTTP, World Wide Web, collaboration, groupware, multi-user environments, update protocols

20 Putting it together: Internet privacy: a public concern 

 Lorrie Faith Cranor

June 1998 **netWorker**, Volume 2 Issue 3

Publisher: ACM Press

Full text available:  pdf(336.26 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

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